

FIBER OPTIC CONNECTION AND METHOD FOR USING SAME

ABSTRACT OF THE DISCLOSURE

09/18/903

A package is described that couples a twelve channel
wide fiber optic cable to a twelve channel Vertical Cavity
5 Surface Emitting Laser (VCSEL) transmitter and a multiple
channel Perpendicularly Aligned Integrated Die (PAID)
receiver. The package allows for reduction in the height of
the assembly package by vertically orienting certain dies
parallel to the fiber optic cable and horizontally orienting
10 certain other dies. The assembly allows the vertically
oriented optoelectronic dies to be perpendicularly attached
to the horizontally oriented laminate via a flexible
circuit.